

09601580.07101

Fig. 1a

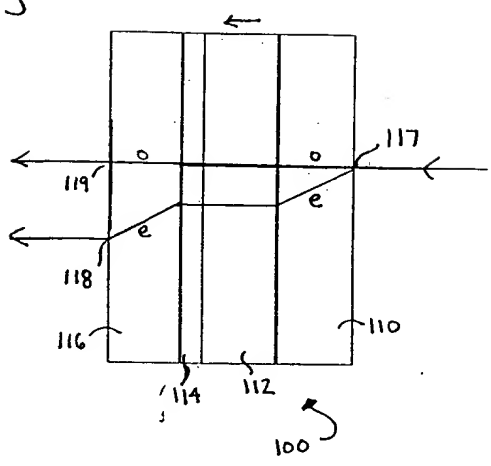


Fig. 1b

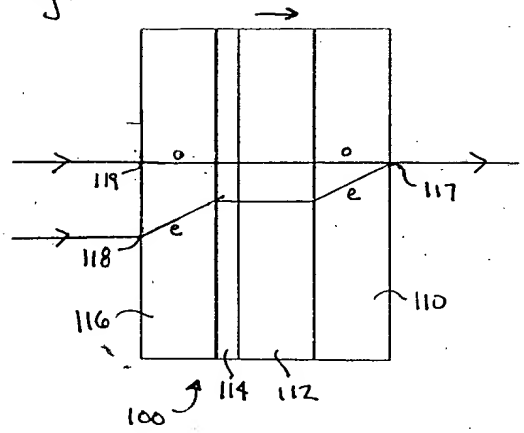


Fig. 1c

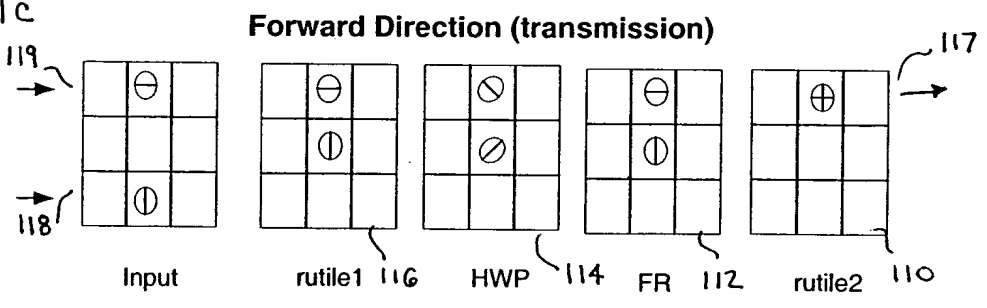
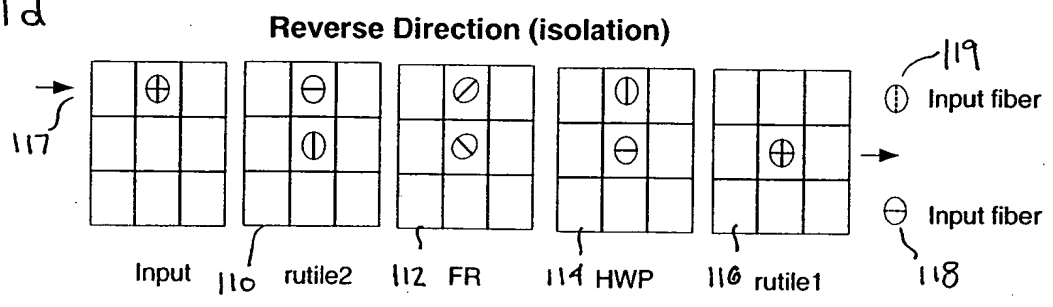


Fig. 1d



### Propagation of e and o rays through the polarization beam splitter chip

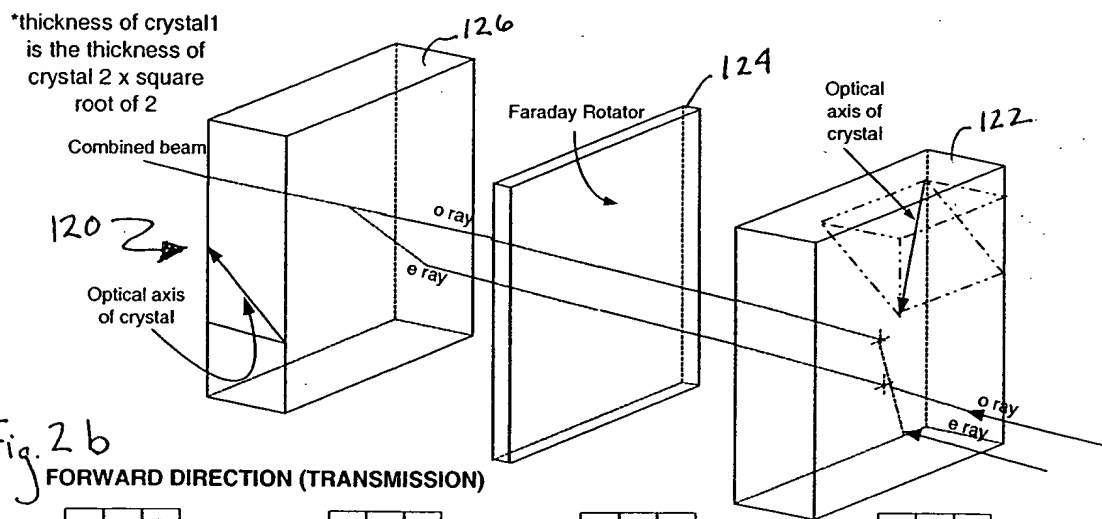


Fig. 2 b  
FORW

### FORWARD DIRECTION (TRANSMISSION)

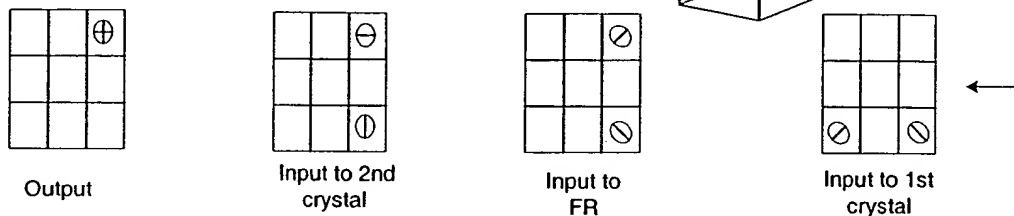


Fig. 2c

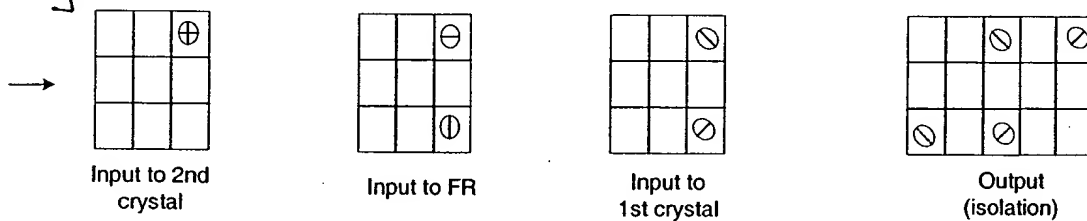
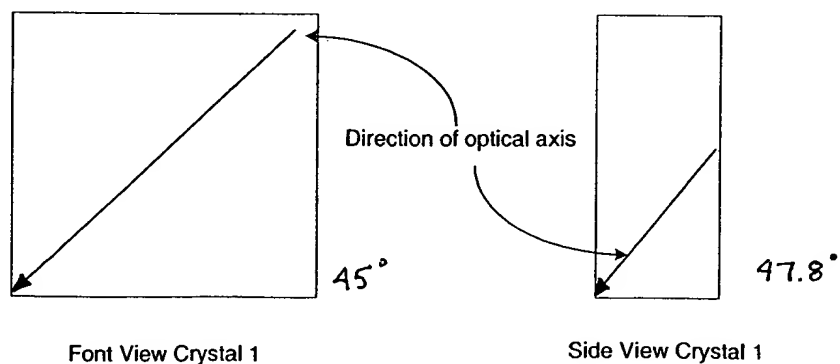


Fig. 2d



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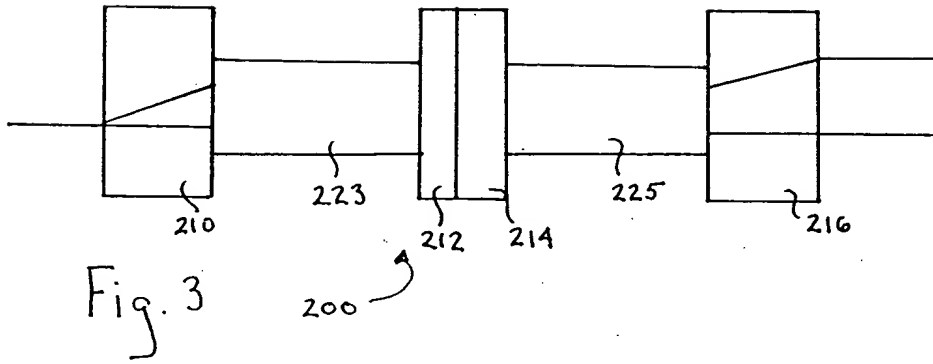


Fig. 4a

252

Input ray

Optical axis of crystal

e ray

o ray

Optical axis of Rotator

254

Faraday Rotator

256

o ray

e ray

250

Reverse Direction

Input to Crystal 1

Input to HWP

Input to FR

Output from FR

Fig. 4b

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Fig. 5a

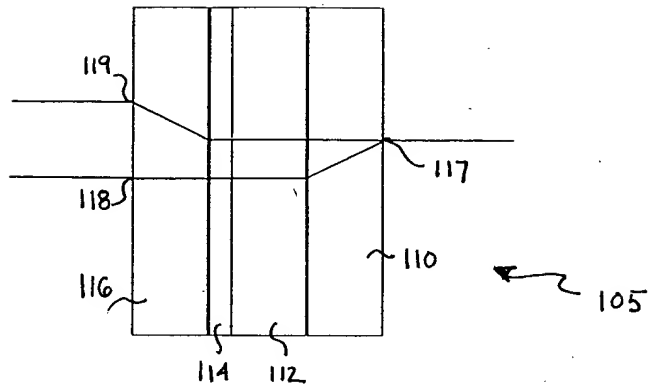


Fig. 5b

Forward Direction (transmission)

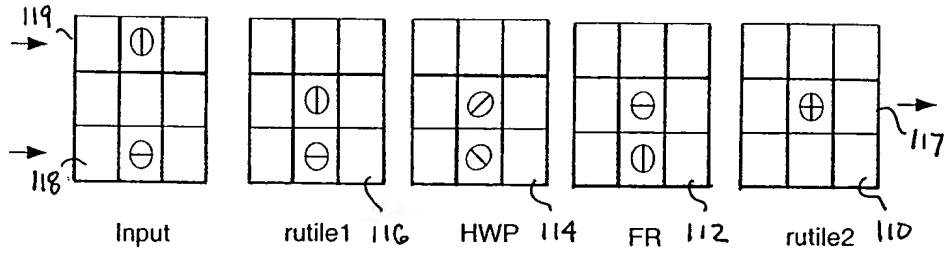
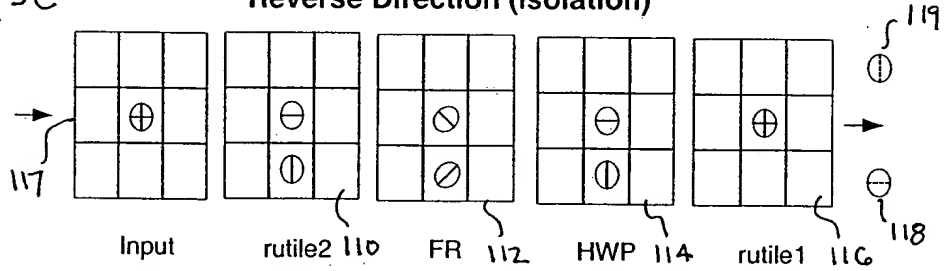
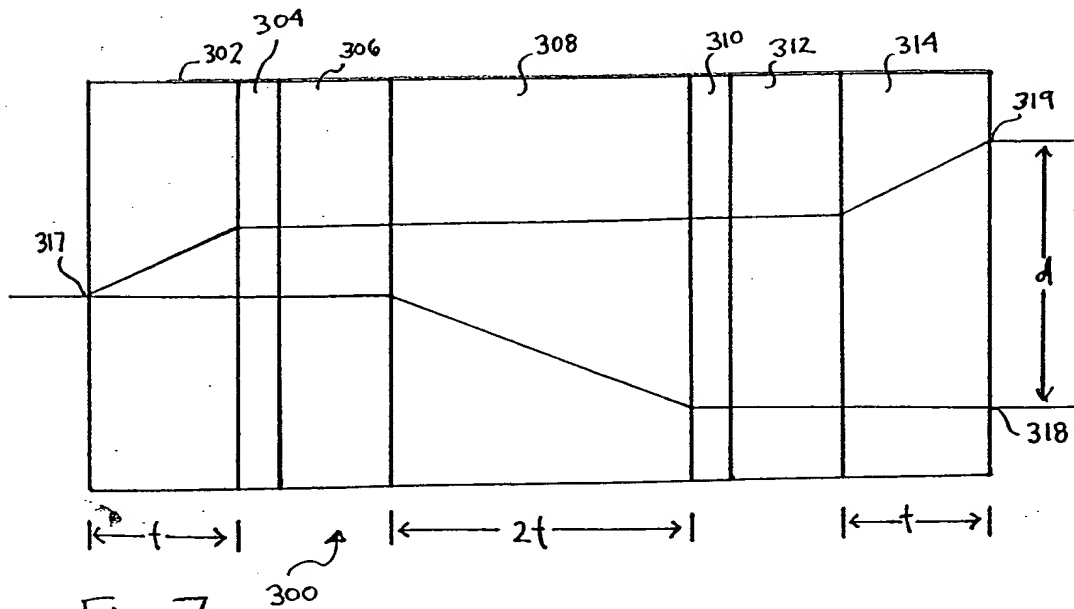
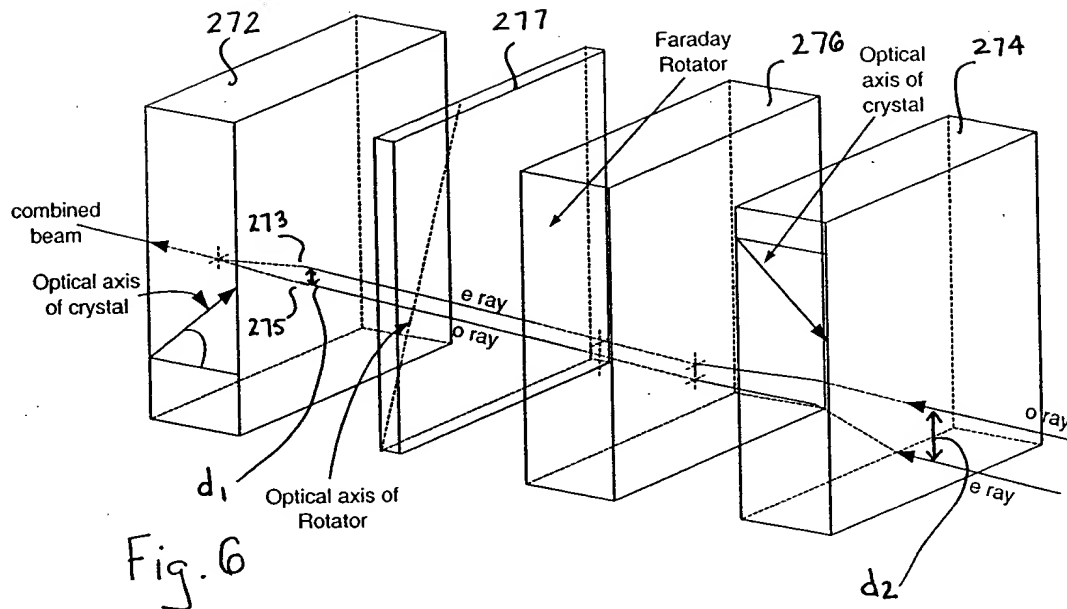


Fig. 5c

Reverse Direction (isolation)



TOP SECRET



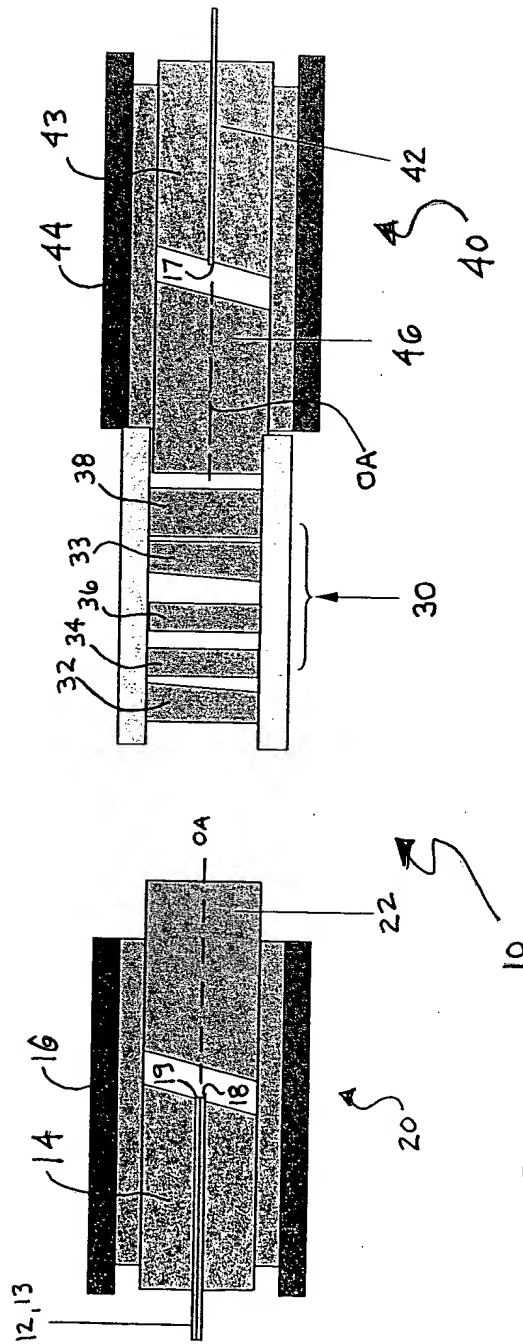


Fig. 8

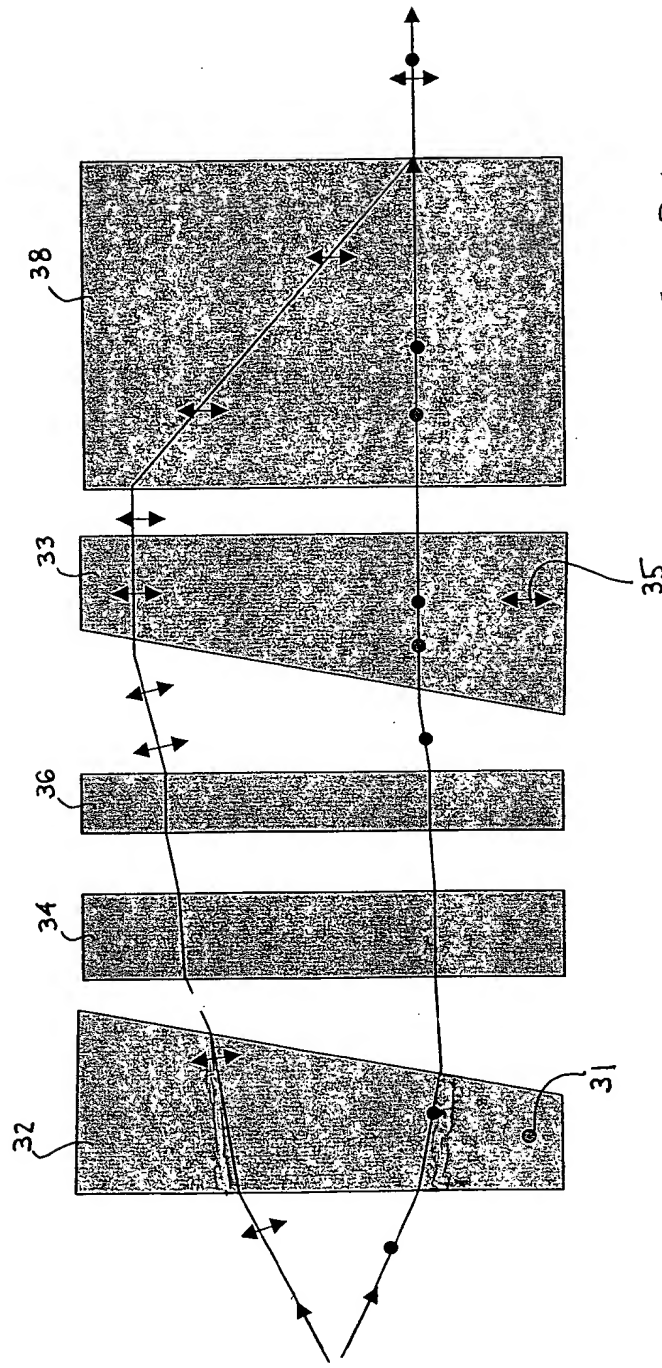
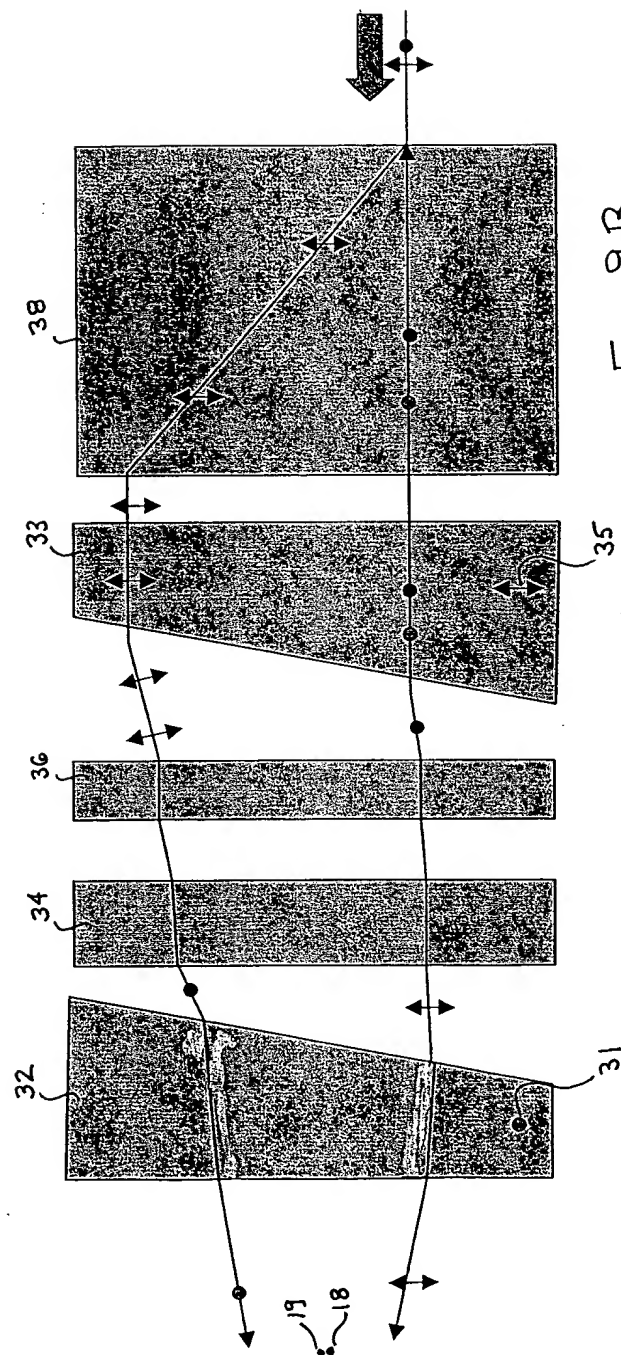


Fig. 9A



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Fi